

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RE PATENT APPLICATION OF: MOHARRAM, OMAYMA EL-SAYED

SERIAL NO:

10/668,133

ART UNIT: 3629

FILING DATE:

09/24/2003

SUBJECT:

TOOL AND METHOD FOR OPERATIONS, MANAGEMENT, CAPACITY.

AND SERVICES BUSINESS SOLUTION FOR A

TELECOMMUNICATIONS NETWORK

THE COMMISSIONER OF PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE AND PRIORITY BENEFITS

The undersigned respectfully submits the following for consideration in respect of the examination of the above-identified application and for claiming the priority benefits:

- 1. Information disclosure statement, (a copy of the publication is attached); and
- 2. Priority data sheet, (a certified copy of the Canadian's application is attached).

Yours truly,

Omayma Moharram, Ph.D., P.Eng.

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January 27, 2004

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PTO/SB/02B (08-03)

Approved for use through 08/31/2003, OMB 0551-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

DECLARATION – Supplemental Priority Data Sheet

FROM : OMAYMA MOHARRAM

Foreign applications:					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MWDD/YYYY)	Priority Not Claimed	Certified Co	py Attached?
2,440,173	CANADA	09/04/2003			

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the infidence case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Office de la Propriété Intellectuelle du Canada

Un organisme d'Industrie Canada Canadian intellectual Property Office

An agency of Industry Canada CA 2440173 A1 2005/03/04

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(12) DEMANDE DE BREVET CANADIEN CANADIAN PATENT APPLICATION

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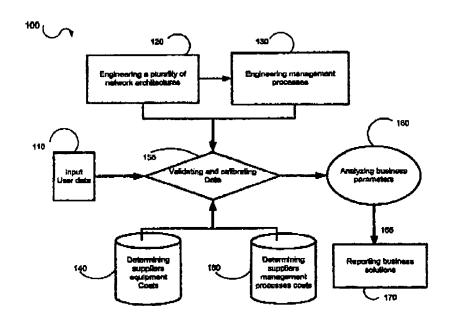
(22) Date de dépôt/Filing Date: 2003/09/04

(41) Mise à la disp. pub./Open to Public Insp.: 2005/03/04

- (51) Cl.Int.7/Int.Cl.7 G06F 17/80, H04L 12/00
- (71) Demandeur/Applicant: MOHARRAM, OMAYMA E., CA
- (72) Inventeur/Inventor; MOHARRAM, OMAYMA E., CA

(54) Titre : OUTIL ET METHODE APPORTANT UNE SOLUTION COMMERCIALE D'EXPLOITATION, DE GESTION, DE CAPACITE ET DE SERVICES POUR UN RESEAU DE TELECOMMUNICATIONS

(54) Title: TOOL AND METHOD FOR OPERATIONS, MANAGEMENT, CAPACITY, AND SERVICES BUSINESS SOLUTION FOR A TELECOMMUNICATIONS NETWORK



(57) Abrégé/Abstract:

An operations, management, capacity, and services (OMCS) tool and method are presented for analyzing business parameters for a plurality of network architectures; and comparing the business parameters for said network architectures for determining cost savings of one network architecture versus another and for determining a business solution that articulates the network architecture for reducing total expenditure. The business parameters comprise capital expenditure (CAPEX), operational expenditure (OPEX), total expenditure, revenue, capacity, return on investment (ROI), and other business and financial statistics. The OMCS tool and method determine the business solution for an owned, a leased, or partially owned and leased telecommunications network. The business solution further comprises network architecture having network elements (NEs), customer premise equipment (CPE), and links from the same or different equipment suppliers; and having network, service, and customer management processes from the same or different management processes suppliers.



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OPIC 1





FROM : OMAYMA_MOHARRAM

THE READER OF

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U.S. Peternt and Tradiment Office; U.S. DEPARTMENT OF COMMERCE
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Complete if Known

Application Number 10/688, 133

Fing Date 09/24/2003

First Named Inventor Ornayma E. Mohamam

Art Unit 3629

Essenting Name

Attorney Docket Number

Examiner City Document Number No.		Document Number	Publication Date	NT DOCUMENTS Name of Patentee or Page Columns, Lines Mines		
initiois*	No.'	Number-Kind Code ^{2 (Famo}	NM-DO-YYYY	Applicant of Ched Document	Pages, Columns, Lines, Where Relevent Postagée er Relevent Figures Appear	
		^{US-} 6,446,123	09/03/2002	Battantine, et al.		
, , ,		^{US-} 6,298,123	10/02/2001	Nolting, et al.		
		^{US-} 6,219,654	04/17/2001	Ruffin, Michael		
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Transcation of information to required by 97 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this torus notifice suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Diffice, P.O. Sox 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissionary for Patents, P.O. Sox 1459, Alexandria, VA 22313-1459.

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INFORMATION DISCLOSURE	Filing Date	09/24/2003	
STATEMENT BY APPLICANT	First Named Inventor	Omayma E. Moharram	
	Art Unit	3629	
(Use as many sheets as necessary)	Examiner Name		
Shoet 1 of 1	Attorney Docket Number		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the erticle (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	72
	1	MOHARRAM, et al., Layer 2 and Layer3 Virtual Private Networks Operations Expenditures for Architecturel Technology Alternatives, WTC/ISS02,09/22-27/2002, Paris, France.	~
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Examiner	
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Signature]	Considered
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1 Applicant's unique citation designation recorder (optionals). 2 Applicant is to place a check mark have if English targuage Translation to attached.

This collection of information is required by 37 CFR 1,98. The information is required to either or retain a benefit by the public writch is to fit (and by the USPTC to process) an explication. Confidentially is governed by 30 U.S.C. 122 and 37 CFR 1,14. This collection is estimated to take 2 hours to complete, including pathering, preparing, and admitting the completed application form to the USPTC. The self-way depending upon the individual case. Any comments on the amount of three you require to complete sits form entire suggestions for reviewing the largest, which is not the Chief findometric Officer, U.S. Patient and Taxiningth Citics, P.O. Box 1439, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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